



# CAIT

Center for Advanced Infrastructure & Transportation  
Rutgers, The State University of New Jersey

## QUARTERLY PROGRESS REPORT

Project Title:	The Future of Transportation Modeling			
RFP NUMBER: NJDOT 2001-19	NJDOT RESEARCH PROJECT MANAGER: Karl Brodtman			
TASK ORDER NUMBER/Study Number: 117 / 4-26856	PRINCIPAL INVESTIGATOR: Maria Boilé			
Study Start Date: 01/01/2002 Study End Date: 12/31/2003	Period Covered: 2 <sup>nd</sup> Quarter 2003			

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
<b>Task 1</b> Detailed model comparison and development of a summary matrix	25%	3%	100%	25%
<b>Task 2</b> Conduct a survey to determine the potential future transportation models	25%	15%	50%	12.5%
<b>Task 3</b> Develop a plan to be followed by the Bureau of Technical Analysis if they wish to switch from their current models to others identified as future standards	20%	5%	10%	2%
<b>Task 4</b> Implementation and Training	15%	10%	20%	3%
<b>Task 5</b> Quarterly and final reports	15%	5%	50%	7.5%
<b>TOTAL</b>	100%			50%

### 1. Progress this quarter by task:

Task 1: The literature review summary report, the comparison of various software packages considered in this project and the summary matrix that had been produced and distributed during the previous quarter have been revised according to comments that have been received by the advisory board members. Additional comments are expected to be received from the RSIP. The software review information document has been updated and revised based on comments received by software developers and vendors.

Task 2: The survey instrument has been finalized and the list of interviewees has been updated with suggestions made from the advisory board members. The questionnaire will be sent out to the interviewees within the next couple of weeks. A report on TRANSIMS has been produced. The report contains an overview of TRANSIMS and experiences from the Dallas-Ft. Worth and the Portland, Oregon case study applications.

Task 3: The draft plan to be followed by the Bureau of Technical Analysis if they wish to switch from their current models to others, is being updated with the new information. A more complete draft of this document will be developed upon receipt and analysis of the survey results.

Task 4: Team members are in contact with various software developers and vendors for the purpose of organizing a workshop on transportation modeling applications.

### 2. Proposed activities for next quarter by task

The survey will be conducted and the results will be summarized in a report. The plan to be followed by the Bureau of Technical Analysis will be updated based on the survey results. Further contacts will be made and official workshop invitations will be sent out.

### 3. List of deliverables provided in this quarter by task

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623 Bowser Rd. Piscataway NJ 08854-8014  
Tel : 732-445-0579 Fax: 732-445-0577



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*Revised survey instrument*

*Revised list of contacts and interviewees*

*Report on TRANSIMS.*

#### 4. Progress on Implementation and Training Activities

*The idea of organizing a workshop on transportation modeling applications is being pursued further.*

#### 5. Problems/Proposed Solutions

N/A

#### 6. Budget Summary\*

Total Project Budget(# of years)	2 Years	\$ 125,124.00
Total Project Expenditure to date		\$96,483
% of Total Project Budget Expended		77%
Task Order Number/Study Number:		117 / 4-26856
Current Task Order Budget (# of years)	Year 1 and 2	\$ 125,124.00
Actual Expenditure to date against current task order		\$96,483
% of current task order budget expended		77%

\* These are approximate expended amounts for the project; these estimates are for reference only and should not be used for official accounting purposes. For a more accurate project accounting please review the quarterly invoice for this project.

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